



14230 U.S. PTO

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

22390 U.S. PTO
10/801110



Re application of:

Terunao HANAOKA and Yasunori KUROSAWA both of Nagano-ken, Japan

Serial No: Not assigned

Filed: March 15, 2004

For: Semiconductor Device, Circuit Board, Electronic Apparatus, and Method for Manufacturing Semiconductor Device

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

☒ 6 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.

☒ 21 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.

☒ An assignment of the invention to SEIKO EPSON CORPORATION ☐ is enclosed ☒ will follow.

☐ An associate power of attorney ☐ is enclosed ☐ will follow.

☐ Applicant claims small entity status. See 37 CFR 1.27.

☒ Declaration and Power of Attorney ☐ is enclosed ☒ will follow.

☒ Certified copies of Japanese Patent Application Nos. 2003-078095 filed March 20, 2003 and 2003-385421 filed November 14, 2003 from which priority is claimed under 35 U.S.C. § 119 are enclosed.

☒ IDS enclosed (☒ with 5 reference(s)).

☐ Preliminary Amendment is enclosed.

☐ Application data sheet is enclosed. See 37 CFR 1.76.

☒ Return postcard is enclosed.

*Notarizing procedure is enclosed.

CALCULATION OF FEES								
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	20	-20	0	LG=\$18 SM=\$9	\$18	\$ 0	
B	INDEPENDENT CLAIMS FEE*	3	-3	0	LG=\$86 SM=\$43	\$86	\$ 0	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							0
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
E	BASIC FEE					LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 770
G	ASSIGNMENT RECORDING FEE							\$ 40
	*LIST INDEPENDENT CLAIMS 1, 9 and 18.							

☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.

☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.

☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.

☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.

☐ Any additional filing fees required under 37 C.F.R. 1.16

☐ Any patent application processing fees under 37 C.F.R. 1.17

Date: March 15, 2004

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Respectfully submitted,
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By:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Terunao HANAOKA et al.

Serial No: Not assigned

Filed: March 15, 2004

For: Semiconductor Device, Circuit Board, Electronic Apparatus,
and Method for Manufacturing Semiconductor Device

Art Unit: Not assigned

Examiner: Not assigned

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Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that -

- ☒ two copies of a letter of transmittal
- ☒ patent application (21 page(s) of specification; 20 claim(s); 1 page(s) of abstract
- ☒ 6 sheet(s) of formal drawings
- ☒ certified copies of Japanese patent application Nos. 2003-078095 filed March 20, 2003 and 2003-385421 filed November 14, 2003 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☒ Information Disclosure Statement with 5 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Arlington, VA 22313-1450

Date: March 15, 2004

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Name of person mailing papers

Signature